



2024 AP[®] 3-D Art and Design

Sustained Investigation

Analytic Scoring Rubric and Score Rationale

Row A–Score 3

Written Evidence

Sustained Investigation

Identify the inquiry that guided your sustained investigation.

Response:

As I began my investigation with a focus on human's impact on ecosystems and how we benefit from certain animals' instinctual behaviors, I soon found ties between human behavior and these animal instincts. The lamp illustrates electricity's effect on phototaxis, but also the insect's collective, blind trust in the light which I related to human's tendency to adopt a mob mentality under power. While both the sheep and bee series directly symbolize human control over animals, like those farmed or used for profit, the sheep series also speaks on this concept of united power and blind loyalty.

Describe ways your sustained investigation developed through practice, experimentation, and revision.

Response:

Exploring further, I connected bird's nest-building to motherhood, inspiring Work #12. This piece, as well as the Work #14, uses synthesis to show my personal connection to animals. Following this new perspective, I thought about the processes that physically connect us to nature- the cycle that exists regardless of how evolved we become. This inspired my last piece, a 3-minute stop motion film, titled "Lula" that tells the story of an old woman as she and all she loves returns to the earth, which I find to be a fitting conclusion to my investigation of human's relationship to nature.

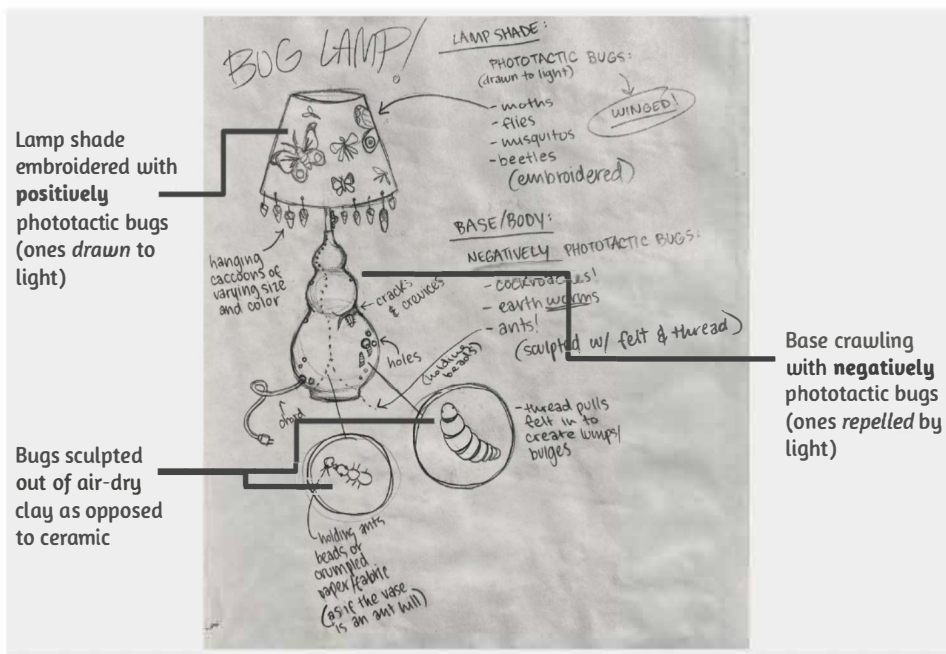


Image 1

Sustained Investigation

Height: 11

Width: 8

Depth: N/A

Materials: Pencil on paper

Process(es):

Sketched idea for lamp that illustrates the effect electricity has on phototaxis in bugs.



Tunnels and holes carved into and through walls



Rolled yarn into clay to create tunnels



Applied liquid red iron oxide to darken burrows

Image 2

Sustained Investigation

Height: 23

Width: 9

Depth: 9

Materials:

Cone 6 Clay (white and brown), yarn, drill bits, red iron oxide, paint brushes

Process(es):

Wheel-thrown base carved to mimic various bug's burrows. Iron oxide to darken details.

Citation(s):

Referenced Google images of termite and maggot burrows

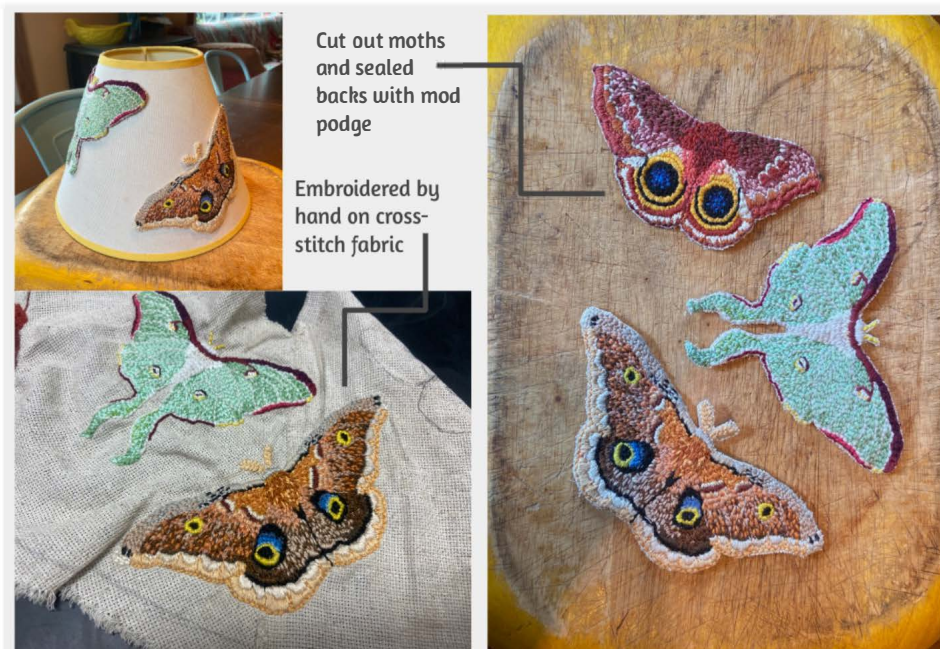


Image 3

Sustained Investigation

Height: N/A

Width: 6

Depth: N/A

Materials:

Embroidery floss, cross stitch fabric, thrifted lamp shade, fabric glue

Process(es):

Moths embroidered on cross-stitch fabric, then cut out and glued to lamp shade.



Image 4

Sustained Investigation

Height: 23

Width: 9

Depth: 9

Materials:

Finished lamp shade and base,
washers, bolts, bulb fixture and wiring

Process(es):

Attached lamp parts and hooked up
wiring

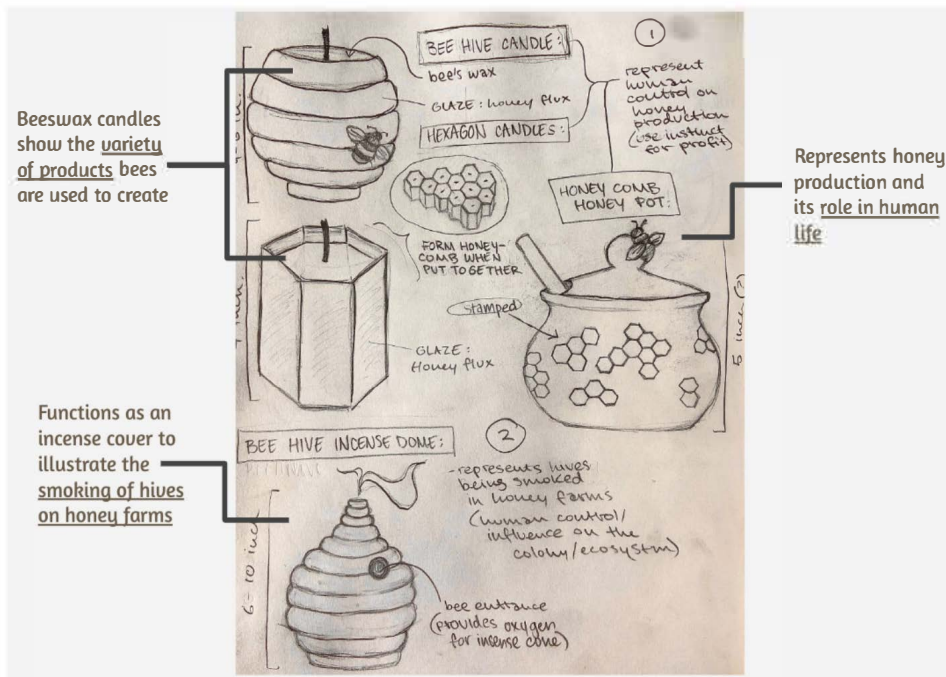


Image 5

Sustained Investigation

Height: 11

Width: 8

Depth: N/A

Materials: Pencil on paper

Process(es):

Sketched bee-themed series, all functional ceramics. Notes added to outline concepts behind designs.



Image 6

Sustained Investigation

Height: N/A

Width: N/A

Depth: N/A

Materials:

White Cone 6 Clay, various ceramic tools, cardboard hexagon stencil

Process(es):

Hive and honey pots thrown on the wheel, honeycomb candles were slab built. Bees sculpted by hand.



Image 7

Sustained Investigation

Height: 8

Width: 5

Depth: 5

Materials:

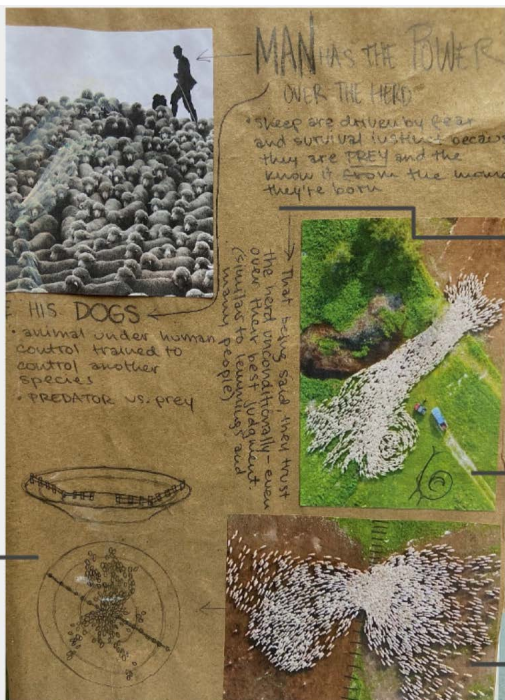
Ceramic, yellow glaze (Buttercup, Lucero Yellow and Oatmeal), natural beeswax, candle wicks

Process(es):

Bisque-fired pieces were glazed and honeycomb pots were filled with natural beeswax. Dimensions vary

Sheep study:

Sketches for ceramic piece



Unconditional trust in the herd; will always follow their own, even to their death

Investigating movement and patterns within herds

Reference image for final piece

Image 8

Sustained Investigation

Height: 11

Width: 8

Depth: N/A

Materials: Pencil on paper

Process(es):

Sketched idea for textured ceramic dishes that illustrate sheep herding and migration patterns.

Citation(s):

Referenced Google images and videos of sheep herding from a bird's eye view

Image 9

Sustained Investigation

Height: 6

Width: 6

Depth: 6

Materials:

Cone 6 clay, dried ceramic pieces,
toothpicks

Process(es):

Experimented with texture, using dried
crumbs of clay on soft to achieve a
rocky mountain range look





Image 10

Sustained Investigation

Height: 2

Width: 8

Depth: 8

Materials:

Clay, high-fire glazes, toothpicks, wire, cotton and wool stuffing

Process(es):

Wheel-thrown plate, overlapped glazes, balled up bits of stuffing to create sheep

Image 11

Sustained Investigation

Height: 11

Width: 8

Depth: N/A

Materials: Pencil on paper

Process(es):

Sketched idea for natural sculpture that links bird's nesting instincts to human motherhood.

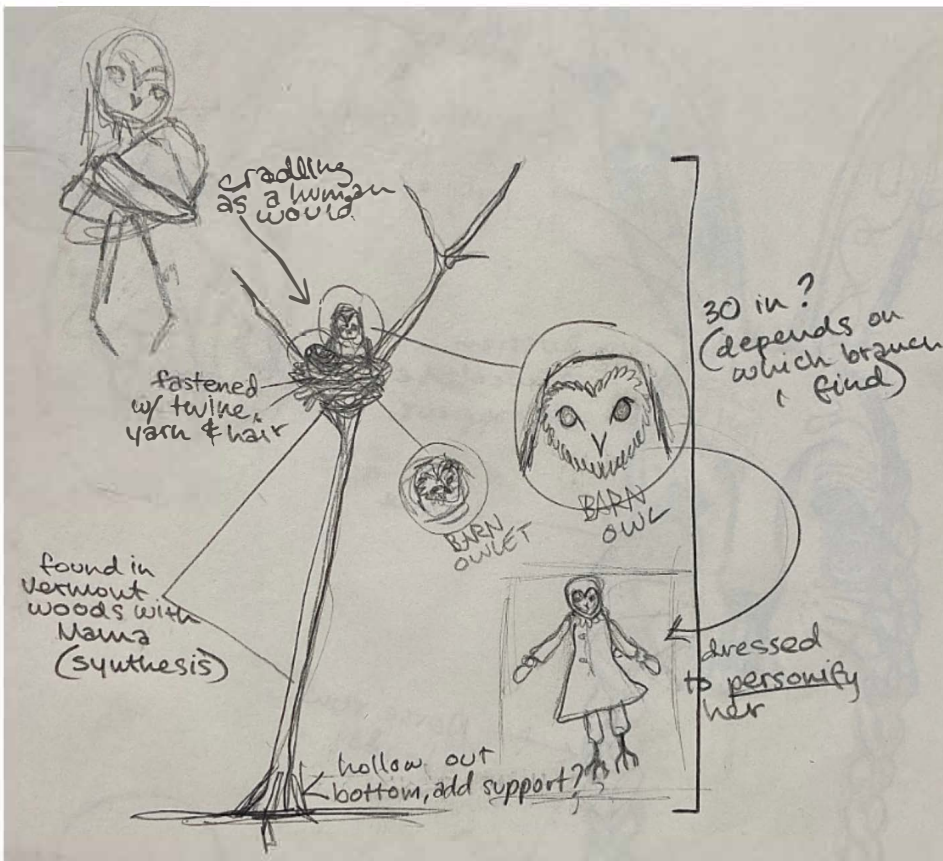




Image 12

Sustained Investigation

Height: 40

Width: 10

Depth: 5

Materials:

Branch, felt, beads, fabric scraps, yarn, twine, burlap, and bird nest found in Craftsbury, Vermont

Process(es):

Felted the owls and positioned them in the nest attached to the branch using a variety of strings.



Image 13

Sustained Investigation

Height: 25

Width: 9

Depth: 8

Materials:

Cardboard, brown paper, paper mache glue, acrylic paint, burlap, twine and thread

Process(es):

Stitched cardboard base, applied paper mache and painted using colors most prominent in my art style



Image 14

Sustained Investigation

Height: 25

Width: 9

Depth: 8

Materials:

Painted paper mache mask, rope toys
loved and destroyed by my pitbull,
Moose, iPhone camera

Process(es):

Photographed myself in hare mask to
depict my personal connection to
animals and their behaviors.



Image 15

Sustained Investigation

Height: N/A

Width: N/A

Depth: N/A

Materials:

Felt, fabric, cardboard, magazine pages, thread, LifeLapse animation app

Process(es):

Created characters, set and storyline, then shot and edited a 3-minute stop-motion film

Analytic Scoring Rubric Row A: Inquiry

Writing Prompt 1: *Identify the inquiry that guided your sustained investigation.*

1	2	3
Written evidence does not identify an inquiry.	Written evidence identifies an inquiry. AND Visual evidence demonstrates the inquiry.	Written evidence identifies an inquiry. AND Visual evidence demonstrates the inquiry. AND The inquiry guides the development of the sustained investigation.

Score Rationale

The written evidence describes an investigation into “human control over animals” and “impact on ecosystems.” The inquiry guides the development of the work into “how we benefit from certain animals’ instinctual behaviors.” The concept of “electricity’s effect on phototaxis” is initially explored as instinctual behaviors. Image 4 communicates this through a hand-sculpted, three-tiered “cocoon” forming the base of a functional lamp. The lamp base lines draw the eye upward to the lampshade where illuminated “embroidered” moths communicate “blind trust in the light.” The honeybee collection shown in Image 7 further explores human control and its impact on ecosystems. The detailed sketches demonstrated in Image 5 provide a deeper look into the conceptual process with notations such as “smoking of hives on honey farms” and “beehive incense dome,” which connects materials, processes, and ideas with meaningful intent. Again, Image 8’s ideation of blind trust differs from the other works. This time, “trust in the herd,” whereby the way sheep assemble informs the makeup of the composition shown in Image 10. Here, the sheep represents the ideas as “balled up bits of stuffing” huddled by a fence that runs along a grassy field. The duality of the sculptural landscape and the ceramic bowl subtly alludes to human control. Complex and engaging visual solutions demonstrate ways the inquiry guides the development of the sustained investigation.



Image 4



Image 10